

IN THE CLAIMS:

1. (Original) A magnetic device, comprising:
a magnetic core; and
a springable winding, positioned about at least a portion of said magnetic core, having a terminus biased against said magnetic core.

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2. (Original) The magnetic device as recited in Claim 1 wherein said terminus is configured to be interposed between said magnetic core and a printed circuit board.

3. (Original) The magnetic device as recited in Claim 1 wherein said springable winding comprises a material having a spring constant ranging from about 750 to about 2000 grams/inch.

4. (Original) The magnetic device as recited in Claim 1 wherein said magnetic core comprises an integrally formed pedestal.

5. (Currently Amended) The magnetic device as recited in Claim 1 wherein said magnetic core comprises a ferromagnetic material having a composition selected from ~~the~~ a group consisting of:

cobalt-iron,

manganese-zinc,

nickel-iron, and

amorphous nickel-phosphide.

6. (Original) The magnetic device as recited in Claim 1 wherein said springable winding comprises a substantially-planar wire having a dielectric insulation about said substantially-planar wire.

7. (Original) The magnetic device as recited in Claim 1 wherein said magnetic core and said springable winding are substantially free of an encapsulant.

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8. (Currently Amended) The magnetic device as recited in Claim 1 wherein said magnetic device is selected from ~~the~~ a group consisting of:

an inductor,

a coupled inductor, and

a transformer.

9. (Original) The magnetic device as recited in Claim 1 wherein said magnetic core comprises first and second core halves.

10. (Original) The magnetic device as recited in Claim 1 wherein at least a portion of said magnetic core has an aspect ratio of at least 1.6:1.

Claims 11-20 were previously cancelled without prejudice or disclaimer.

21. (New) A magnetic device, comprising:

a magnetic core including a magnetic core half having a convex profile on a bottom surface thereof; and

a springable winding positioned about at least a portion of said magnetic core half.

22. (New) The magnetic device as recited in Claim 21 wherein said springable winding comprises at least one terminus.

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23. (New) The magnetic device as recited in Claim 21 wherein said magnetic core half comprises a pedestal located on said bottom surface.

24. (New) The magnetic device as recited in Claim 21 wherein said magnetic core half comprises a concave surface on a surface opposite said bottom surface.

25. (New) The magnetic device as recited in Claim 21 wherein said magnetic core half comprises outer legs and a center leg.

26. (New) The magnetic device as recited in Claim 25 wherein said springable winding is positioned about said center leg of said magnetic core half.

27. (New) The magnetic device as recited in Claim 21 wherein said magnetic device is located proximate an aperture of a substrate.

28. (New) The magnetic device as recited in Claim 21 wherein said springable winding comprises a substantially planar wire having a dielectric insulation thereabout.

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29. (New) The magnetic device as recited in Claim 21 wherein said magnetic core comprises another magnetic core half, said springable winding positioned about at least a portion of said another magnetic core half.

30. (New) The magnetic device as recited in Claim 29 further comprising another springable winding positioned about a portion of said magnetic core half and said another magnetic core half.
